		okhaven National Synchrot		Number: LS-PPS-0036	Revision:	
					Effective: 10/28/03	Page 1 of 2
Subje	ect: U6 Laser Int	erlock Test			10/20/03	
Prepa	nred/ M. Buckle	y .	Approved By: L. Carr			
Appro	oved By:					
*Origi	nal Document contains app	proved signatures.		_		
Test	Date:				Revision	Periodic Review Lo
	Reason:			Test Result:	□ Passed	□ Failed
Teste	er 1:			Assistant 1:		
Teste	er 2:			Assistant 2:		
1.	Search the lAssure inter Enter the U6 hutch a	e Laser Powe nutch area an rlock cable is and assure al	r supply prior to common dassure no one other connected to the removal three doors are closed ove the laser system to	than test perso ote shutter cond. Press the F	nnel is present. trol panel. Reset button	
		tus. Use the The enal The "Int	main exit door for ste ble light on the interlo erlocked" light on the or light on the interloc	ps 1-5. ck panel come outside of the	es ON. hutch comes ON	<u></u>
]	Press the internal by	pass button a	at the exit door.			
		The inte	rnal Bypass LED com	es ON		
	The Bypass LED on the interlock panel comes ON.					
]	Exit the hutch and c					
			ernal Bypass LED turn erlocked" light on the		hutch remains	
			ble light remains ON			
		The Doo	or light on the interloc	k panel remair	ns ON.	
2.]	Press the external by	The enal	enter the hutch, and c ble light remains ON erlocked" light on the		hutch remains	
		ON The Deep	IED d t d	1 1	ON	
			oass LED on the interloc	-		
		The Doo	or light on the interloc	k panei remair	IS UIN.	
	Press the internal bypass button and begin timing. Open to open, & wait.				oor, leave door	
		The inte seconds	rnal bypass LED goes	out in not mo	re than 15	
		The Byp	bass LED on the interle	ock panel goes	s Off.	
			ble light turns OFF			
			terlocked" sign goes Cor light on the interloc		Off.	

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4.	Close t	he door and Press t	he internal by	pass but	ton.						
			The "I	nterlocke	d" sign <u>does</u>	s not turn ON					
5.	Comple remotel position	Local	Remote								
	Press the Enable Reset button and Open the shutter.										
	Laser shutter opens.										
			Closed	l Indicato	r goes Off (F	Remote only)	NA				
	Close tl	he shutter									
			Laser	shutter cl	oses.						
			Closed	l Indicato	r come ON	(Remote only)	NA				
	Open th	ne shutter									
	Press the internal bypass button, exit the hutch, & close the door, Note: This action must be completed within the time period indicated in step 3.										
				•	t remains Ol						
			remain	is ON	-	he outside of the hutc	h 				
				r remains	-						
	Press th	ne external bypass b									
				_	t remains Ol						
			remair	is ON	-	he outside of the hutc	h 				
			The Sh	nutter ren	nains Open.						
	Open th	ne hutch door			G 22						
				_	t turns Off						
					d" light on t	he outside of the hutc	h				
			turns (orr Outter Clo	ngag						
	Attomn	t to Open the shutte		iuitei Cic	1868						
	Auemp	t to Open the shutt		utter doe	s not Open						
6.	Interlock the hutch and open the shutter locally.						Auxi	liary			
	Test the interlock switches on the hutch auxiliary doors.							or			
	Open a	an auxiliary door.					1	2			
			The e	nable lig	ht turns Off						
			The s	hutter clo	ses.						
						the outside of the					
				turns Of	t turns Off						
	Close	the door, press the		_		naining door.					

<u>U6</u> Laser Interlock Test

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